Figure 1  INTERUPT: Overview of review methods

**Streams of evidence**

- **Was the intervention effective?**
  Intervention studies with outcome evaluations (including cost effectiveness)

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- **What were the risk factors and effect modifiers?**
  Trials, cohort studies, cross-sectional studies

- **How was it implemented?**
  Process evaluations (views & surveys etc; may be linked to outcome evaluations)

- **Did it work as planned? What worked for whom, in what contexts; what were the barriers?**
  Any study design or evidence type

- **Was it acceptable?**
  Qualitative studies (may be linked to outcome evaluations)

- **What else is of interest?**
  Other record types

**PHASE 1**
- Literature searches
- Inclusion/exclusion
- Quality appraisal
- Mapping exercise

**PHASE 2**
- Selection of records for in-depth review
- Data-extraction

**PHASE 3**
- Synthesis of evidence according to type using design-appropriate tools

**PHASE 4**
- Overarching narrative synthesis and interpretation

**Consideration of mapping exercise and consultation with Advisory Group**

- Selection of most salient records
- Prioritisation of records for in-depth review according to quality and relevance
- Data extraction including study methods, intervention and population characteristics, findings, programme theories and process details

- Meta-analysis
  - Narrative synthesis

- Meta-regression

- Thematic analysis
  - Narrative synthesis

- Realist synthesis

- Qualitative synthesis

- Narrative synthesis/narrative summary

- Overarching narrative synthesis of qualitative and quantitative evidence including programme theory versus effectiveness versus user views and beliefs

- Narrative interpretation of realist synthesis to explain the interaction between mechanism, outcome and context, especially with regard to the barriers to, and facilitators of implementation